

## Certified Validation Report

### Audit Information:

Water Supplier Name: Valley of the Moon Water District

PWS ID: 4910013

System Type: Potable

Audit Period: Calendar Year 2017

Utility Representation: Daniel Muelrath (General Manager), Matthew Fullner (Operations and Maintenance Supervisor)

Validation Date: 9/20/2018

### Validation Findings & Confirmation Statement:

#### Key Audit Metrics:

Data Validity Score: 82 Data Validity Band (Level): Band IV (71-90)

ILI: 2.84

Real Loss: 40.65 (gal/conn/day)

Apparent Loss: 6.87 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 15.7%

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

*If not, rejected recommendations are included here.*

### Validator Information:

Water Audit Validator: Gregory Plumb

Qualifications: Certified California Water Audit Validator, CA-NV AWWA

## Certified Validation Report

**Water Supplier Name:** Valley of the Moon Water District

**Water Supplier ID Number:** 4910013

**Water Audit Period:** Calendar Year 2017

### Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Continued deployment of static ultrasonic sounders on every 3<sup>rd</sup> service line.
- Work on receiving wholesaler AMI data on a daily basis to perform weekly zone demand analysis.
- Continued to 100% deployment of our AMI meters.
- Perform testing on our production meters.

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Executive Position

Signature

Date

Daniel Muelrath

General Manager



9/20/2018